

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Hurricane Sandy - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: SITREP #34
Operations Continue
Hurricane Sandy

Edison, NJ
Latitude: 40.4494047 Longitude: -74.4379073

To: Michael Hoppe, USEPA Region 02, ERRD-RPB

Thru: REOC Regional Incident Coordinator
Eric Mosher

REOC Deputy Regional Incident Coordinators,
Christopher Jimenez (NJ)
Kelly Lucarino (NJ)
Bonnie Hriczko (NY)
Neil Norrell (NY)

From: REOC Situation Unit Leader,
Keith Glenn (Day Operations)
Ray Ledbetter (Night Operations)

Date: 11/30/2012

Reporting Period: 0700 hrs 11/30/12 thru 1900 hrs 11/30/12

Executive Summary

Executive Summary

Hurricane Sandy operations continued in New Jersey with materials recovered in Monmouth County and transferred to Lakewood. EPA is expected to assess coastlines near the Atlantic Highland Municipal Marina in Monmouth County via ATV or on foot during the next operational period.

Operations continued at two large wastewater treatment facilities in NJ. At MCUA, equipment failure resulted in sewage discharge from three pumps to Washington Canal for several hours. At PVSC, cleaning operations continued as normal.

All NJ orphan container assessment efforts will be completed by close-of-business on December 2, 2012. NJDEP has requested EPA to continue with disposal of collected materials, however, identification assessments should be suspended.

In New York, operations continued in three NYC Boroughs and Long Island. Curbside collection crews recovered HHW and orphaned containers throughout Staten Island, Coney Island, Breezy Point, and additional areas. Boat operations along Jamaica Bay received materials trapped in debris lines generated from the storm surge.

At Fresh Kills staging area, materials continued to be shipped for disposal or reclamation/recycling. At Riis Park, all staged debris is gone and operations have switched to in/out hauling. EPA has a signed permit from NPS to expand the current staging area at Riis Park for which construction planning continued.

No burn at Floyd Bennett Field occurred during the operational period. The ACE's contractor is drafting an air curtain operations report including recommendations for increasing efficiency of chip combustion. Upon completion of review of the report, an evaluation will decide if additional burns are necessary. NYS Department of Agriculture and Markets evaluated rechipped chips for compliance with requirements for shipping out of the area. New York Recycling is scheduled to pick up chips during the next operational period. The ACE's contractor is examining other vendors who could reuse the chips. The NYC's Parks Department's rechipping is approximately 50% complete, and they could be shipped offsite as early as December 3 if approved. EPA continued to provide real-time air monitoring support with seven units operating in and around Floyd Bennett Field.

Operations at three HHW collection areas in Suffolk County were completed at the end of the operational period. One collection pad will remain open, located in Lido Beach. In Nassau County, HHW curbside collection activities were completed at the end of the operational period. Air operations in Nassau County identified additional targets for recovery and disposal.

The total number of containers of hazardous materials collected in NY and NJ to date is 90,227.

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: Stafford Act	Response Type: Emergency
Response Lead: FEMA	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 10/29/2012	Start Date: 10/29/2012
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:

1.1.1 Incident Category

Hurricane Disaster Response

1.1.2 Site Description

1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic. Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester, and Suffolk. On November 14, 2012 FEMA declared an additional 4 counties eligible for Individual and Public Assistance: Orange, Putnam, Sullivan, and Ulster.

1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments at Removal and Remedial Sites were conducted by RPMs, OSCs, and other agency personnel. Any issues at sites as a result of Hurricane Sandy have been resolved.

1.2 Incident Objectives

Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.
- 8) Pursue and deploy any resources needed to support and sustain agency missions.

1.3 Critical Resource Needs

Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. Liaison Officers in the FEMA JFOs continue to coordinate with other ESF partners on addressing needs.

1.4 Strategic Considerations

Strategic Considerations

- 1) Develop work products, deliver necessary briefings, and arrange field oversight to ensure the health and safety of responders.
- 2) Ensure staffing adjustments meet current operational needs.
- 3) Provide direct work and/or technical support to collect HHW.
- 4) Provide technical assistance to local and State governments on debris removal, including options to maximize recycling and composting.
- 5) Coordinate efforts with States to identify needs and resolve issues.
- 6) The PVSC and MUCA waste water facility responses are a high priority.
- 7) Assure timely and accurate data management to enhance the operational function of the ESF #10 response effort with a high emphasis on drinking water and waste water reporting.
- 8) Accurately document ESF #10 response actions and ensure it is captured in appropriate official repositories.
- 9) Support the regional and national public affairs needs to provide effective messaging.

2. Current Activities

2.1 Operations Section

DIVISION NEW JERSEY

Eight counties were initially declared eligible for Public Assistance in New Jersey. Two additional counties, Cumberland and Hudson, were added on November 3, 2012. On November 5, 2012, FEMA declared all remaining New Jersey counties eligible for Public Assistance.

NEW JERSEY RESPONSE ACTIONS

Field operations were focused on providing continued support by the Waste Water Assessment Teams to two large waste water treatment facilities in Middlesex and Essex Counties; Hazmat Assessment activities in Monmouth county; and Mitigation Support efforts in Ocean and Middlesex Counties. Water Assessment

activities were inactive for the current operational period.

Wastewater Facilities (NJ)

Passaic Valley Sewerage Commission (PVSC)

PVSC continues to work on the repair and/or replacement of equipment and electrical systems throughout the facility, and is making significant progress towards restoration of the facility's pre-storm removal efficiencies. On November 29, 2012, PVSC's effluent TSS removal efficiency was 87%; combined with the preceding TSS averages since November 23, 2012, PVSC has met its TSS weekly average compliance limit. PVSC's weekly TSS compliance limit is an average of 45 mg/L, and PVSC has achieved a 7-day average of 21 mg/L and 87% percent removal.

Synagro continues to operate the ten mobile dewatering centrifuges. However, PVSC's continuing ability to increase their permanent dewatering capabilities may enable PVSC to scale back Synagro's operation during the coming weeks.

USEPA's ERRS contractors continue power-washing operations at the facility. These activities are being conducted in coordination with PVSC to augment PVSC's cleanout of the impacted tunnels and basements as a means of re-energizing pumps, motors, and electrical systems. ERRS will continue power-washing operations in coordination with PVSC personnel until a scheduled completion date of December 14, 2012.

The OSC continues to provide assistance to PVSC in responding to a PVSC employee's concerns regarding potential health concerns resulting from flood related damage (i.e., mold, pathogens, H₂S, etc.).

Middlesex County Utility Authority (MCUA)

EPA continued steam-washing activities at the Sayreville Relief Pump Station (SRPS). The cleaning crew is utilizing scissor lifts to reach the higher elevations of the bottom room of the SRPS. It is anticipated that the SRPS cleaning will be completed by close of business December 8, 2012.

Pumping Status:

MCUA continues to take all measures to minimize pumping to the Washington Canal. Despite all best efforts, three pumps discharged to the Canal beginning at approximately 2030 EST on November 29, 2012 and 0230 EST on November 30, 2012. Two pumps discharged for approximately 5 hours; one pump discharged for approximately 3 hours.

Pump Station Repair Status:

The repair schedule is still being refined; however, it is still anticipated that the first Sayreville station pump will be installed in the Original Sayreville Pump Station (OSPS) by December 7, 2012. That pump will provide a more permanent 40 MGD flow capacity in the system. USEPA Safety personnel visited the site today and observed ERRS pressure steam-cleaning activities. A FEMA official and an EPA RST also visited the site and were provided updates on site activities by Sayreville Pump Station personnel.

Hazmat Assessment (NJ)

USEPA and MCHD conducted orphan container recovery in Monmouth County. A total of nine locations were closed out.

Mitigation Team (NJ)

Two mitigation teams were deployed to Ocean and Monmouth counties. A summary of their support activities is included below by individual team.

One mitigation team traveled to the Lakewood Pad. The team observed and documented items recovered in Monmouth and Burlington counties and from the Edison Pad. EPA is currently contacting owners of recovered material identifiable by information on the drums to schedule pickup and removal from the pad. In the current operational period, no material was reclaimed by owners.

A second team deployed to Monmouth County and collected hazmat from various locations in the area of the Belford Seafood Co-op and the Atlantic Highlands Municipal Marina. In the next operation period, the team is expected to return to the marina to assess the coastline via motor vehicle or by foot.

New Jersey Hazardous Waste Summary *					Operational Period: 11/30/2012			
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	Location Cumulative Totals
Edison Staging Area	33	0	0	0	0	0	33	56
Lakewood Staging Area	13	0	2	0	2	0	17	220
Vineland Container Storage Facility**	0	0	0	0	0	0	0	24
Daily Total	50							
Cumulative Total	300							

* All Counts Based on Initial Intake Locations. ** Staging areas are no longer collecting/managing HHW.

NEW YORK RESPONSE ACTIONS

New York City

Assessment Teams (NY)

An EPA assessment team conducted aerial observation and documentation of islands north of Atlantic Beach and south of Bay Park in Nassau County. A total of 15 containers were identified, which consisted of mostly drums, one tote and one shipping container. Several photographs and GPS coordinates were taken.

EPA recovery teams performed boat operations on the northeast and northwest ends of Jamaica Bay and Canarsie Pol, Brooklyn. On Canarsie Pol, several containers (e.g., 55 gallon drums, propane tanks, and gas cans) were left on the island and will be removed in the next operational period.

EPA assessment teams conducted reconnaissance and recovery in Newtown Creek and Staten Island Marsh. Recovery teams continued HHW and orphaned container collection activities in storm affected areas in Breezy Point, Rockaways; Coney Island and Sea Gate area of Brooklyn; and Staten Island.

NYC Debris Management Plan

Chips are being re-chipped and evaluated today by NYS Department of Agriculture and Markets to see if they are in compliance for shipping outside of the quarantined area. Currently New York Recycling will start picking up chips on Saturday. ACE's contractor is examining other vendors who could re-use the chips. The ACE's contractor is also drafting an air curtain operations report, with recommendations on increasing the efficiency of chip burning. Once the report review is completed, it will be evaluated to decide if more test burns are needed.

At Jacob Riis Park, all of the staged debris should be out of the park today. Operations will switch to in and out hauling as is being done at Floyd Bennett Field.

Approximately 2,335 vehicles and 200 boats have been removed from impacted areas to temporary storage areas. EPA will review a plan, which is under development, for environmentally friendly demolition activities.

ACE is gearing up for the Private Property Debris Removal (PPDR) phase of operations in high impacted areas. Several issues are being worked on, including a plan for asbestos removal and HHW removal from structures, which will be placed on curbs for EPA to collect. The implementation of the guidance plan for dealing with NESHAPs issues in a catastrophic event is under discussion. FEMA is inspecting homes on the "grey" list, which are homes to be demolished that Sandy burnt or destroyed with one wall or less standing. Some grey list homes are being moved to red list homes. Red list homes would be determined to be structurally unsound and have more than one wall standing. Plans continue to be developed regarding the demolition of private property in NYC. ACE has indicated that NYCDEP wishes to handle the fuel oil from the properties and EPA to dispose of HHW from the locations.

Jacob Riis Park (Queens)

The Jacob Riis Park staging area continued to receive HHW from curbside pickup crews. EPA recovery teams continued HHW curbside collection activities in storm affected areas the Rockaways and Coney Island. The Riis Park pad is planning for the disposal of accumulated HHW from the staging area.

Planning for the construction of the HHW receiving pad at the NPS location in Riis Park continued. This would be an expansion of the staging area currently occupied in the Riis Park parking lot.

A member of the NYC Department of Health visited the pad to inquire about air quality monitoring at Riis Park. EPA directed him to the ACE.

Fresh Kills Landfill (Staten Island)

HHW and orphaned container staging, categorization, sampling, and packaging for off-site disposal at Fresh Kills continued today. EPA recovery teams continued to conduct curbside pickup and orphaned container collection on Staten Island for segregation and packaging at Fresh Kills HHW Area #2. The volume has significantly reduced over the last two days of collection. During the operational period, 15 one-cubic yard boxes of flammable paint, and 13 one-cubic yard boxes of flammable paint related materials/solvents were transported to Essroc Cement Corp. for fuels blending.

Nassau County

EPA continued to work with NYSDEC and local officials in responding to reports of orphaned containers primarily along the waterfront in Long Beach. EPA recovery teams continued HHW curbside collection in storm affected areas and orphaned container collection activities in the storm areas of Atlantic Beach. All HHW collected is being logged at the staging pad in Nickerson Beach. Curbside collection of HHW and orphaned containers will be suspended as of close of business today; however bulking, packaging and disposal of materials will continue.

Suffolk County

EPA recovery teams continued utilizing four HHW staging pads in Babylon, Riverhead, Islip, and Patchogue for HHW and orphaned container collection and drop-off. HHW curbside collection continued in Babylon but was suspended in Islip, Riverhead, and Patchogue due to minimal collection on daily runs. Pad operations at these three locations will be suspended close of business today. It is anticipated that operations at the Babylon pad will be suspended by close of business December 14, 2012.

New York Hazardous Waste Summary *								
Operational Period: 11/30/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	Location Cumulative Totals
Cedar Grove Staging Area**	0	0	0	0	0	0	0	284
Fr. Capadano Park, Staten Island	0	0	0	0	0	0	0	7499
Fresh Kills Landfill Plant #1**	0	0	0	0	0	0	0	361
Fresh Kills Landfill Plant #2	0	13	1	0	0	504	518	3160
Islip Multipurpose Recycling Facility	0	0	0	0	0	0	0	740
Jacob Riis Park, Queens, NY	0	29	13	0	0	1340	1382	17325
Nickerson Park	2	6	53	0	0	1429	1490	42906
Old Bethpage Landfill and Recycling Center**	0	0	0	0	0	0	0	5538
Patchogue WWTP	0	0	0	0	0	0	0	565
Patchogue WWTP (Mastic Beach)	0	0	0	0	0	0	0	968
Riverhead Collection Area	0	0	0	0	0	0	0	130
Port of Coeymans**	0	0	0	0	0	0	0	101
Venetian Shores Park	2	4	2	0	0	346	354	10350

Daily Total	3744
Cumulative Total	89927

Cumulative Hazardous Waste Summary *					Operational Period: 11/30/2012			
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	State Cumulative
New York	4	52	69	0	0	3619	3744	89927
New Jersey	46	0	2	0	2	0	50	300
Op-Period Totals	50	52	71	0	2	3619	3794	
Cumulative Totals	442	1947	1267	462	139	85970		
Daily Total	3794							
Grand Cumulative	90227							

* All Counts Based on Initial Intake Locations. ** Staging areas are no longer collecting/managing HHW.

REGULATED FACILITIES

EPA has completed assessments of facilities regulated under SPCC, FRP, and RMP programs. Several facilities were found to be impacted by Hurricane Sandy and have been reported previously, such as Motiva, Phillips 66 Bayway, Alden Leeds, and Kinder Morgan Carteret. These facilities are currently being addressed by state and/or federal partners and need no additional EPA assistance at this time. No other facilities were found to be impacted needing EPA assistance. No further reporting of SPCC, FRP, and RMP facilities will be done unless significant operations or actions by EPA are required or requested.

RCRA Corrective Action Group has completed inspections of all identified facilities within NY State. Any issues or violations are being addressed through normal regional operations unless specified elsewhere in the SitRep. Facility inspections in NJ have been suspended until further notice.

DECA Information for 11/30/12 Situation Report

Underground Storage Tanks:

Summary of DECA UST personnel in field: 11/30/12:

1 team of 2 UST inspectors is in the field on 11/30/12 assessing 2 sites in Orange County. 2 teams of 2 UST inspectors are in the field on 11/30/12 performing follow up assessments of sites in the Rockaways of NYC.

Summary of Site Assessments: Up to 11/30/12: Total of 586 UST assessments completed, 175 require follow up assessments and/or compliance inspections. 139 assessments are federally regulated UST facilities in Evacuation Zone A areas of Staten Island, Queens/Rockaways, Bronx, and Brooklyn/Coney Island, 5 of the NYC assessments are > 50,000 gallon backup generator USTs on Staten Island and Lower Manhattan; 286 assessments are federally regulated USTs at retail and non-retail facilities in the storm surge zone of Nassau County; 67 assessments are federally regulated USTs at retail and non-retail facilities in the storm surge zone of Suffolk County; 23 assessments are federally regulated USTs at retail facilities in the storm surge zone of Westchester County; 4 assessments are retail USTs in the storm surge zone of Rockland County; 28 assessments are facilities within 0.5 miles of the Hudson River or its major tributaries in Orange, Putnam, and Ulster Counties; 38 assessments are facilities with federally regulated USTs at randomly generated locations throughout Orange, Putnam, Sullivan, and Ulster Counties. There are no new major findings to report.

CUMULATIVE								
		NYC	Nassau	Suffolk	Westchester	Rockland	Upstate*	Total
Universe		139	299	68	26	4	79	615
No Power		30	31	5	1	0	0	67
Storm Damaged Facility		49	94	22	4	2	6	177
Storm Damaged UST	Yes	18	13	5	2	1	0	39
	Unknown	23	64	5	2	1	12	107
UST Spills		6	13	1	0	0	0	20
Facility Not Operating		34	81	8	0	3	5	131
Facility Was Flooded		68	137	28	11	3	3	250
Require Follow-up		50	95**	9	6	2	13	170
Total Visited		139	286	67	23	4	66	585

*Orange, Putnam, Sullivan and Ulster Counties, ** Number decreased from 11/29/12 upon further review.

Large Quantity Generators (LQG): All LQG assessments are complete.

Summary of DECA LQG personnel in field on 11/30/12: NONE

Summary of LQG Site Assessments: NONE

State	Universe	Visited	Reached via phone	Issues Requiring EPA Assessment
NY	92	85	7	0
NJ	404	0*	8	0
*EPA assessments on hold at the request of NJDEP.				

Air Major Facilities in NY:

Summary of DECA Air personnel in field on 11/30/12:

1 team of 2 air inspectors and one additional air inspector will be in the field on 11/30/12 assessing sites.

Summary of CAA Majors Facility Assessments: Up through 11/30/12:

State	Universe	Visited	Issues Requiring EPA Assessment
NY	200*	89	4^

* Universe increased to include additional facilities. Original universe of 39 was Evacuation Zone A.^ 4 facilities visited 11/30/12 had potential CFC violations.

Summary of PCB Facility Assessments:

Up through 11/30/12: Assessments have not identified any outstanding issues requiring EPA response.

NJ Reported PCB Releases: At this time, PTSB is not contacting New Jersey utilities regarding storm-related releases of PCBs, per DRA instructions. When appropriate, will contact Atlantic City Electric, Jersey Central Power & Light, and PSE&G.

NY Reported PCB Releases: LIPA is still dealing with operational issues. PTSB will call them when it is deemed appropriate.

2.2 Planning Section**PLANNING**

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The utilization of FlexViewer continues to grow as more regulatory programs commence and continue assessments. EPA personnel working in various regional offices are able to view data, generate maps, and become aware of the Common Operating Picture. ASPECT imagery has been uploaded and is being used to determine additional areas of assessment for drinking water facilities, wastewater facilities, HHW reconnaissance points, orphaned container recovery efforts, location of EOCs, potential staging areas, etc. This imagery will also be used when assessments to determine changes of the NJ and NY coast lines commence.

The Environmental Unit**1. Ambient Water Sampling****Newark Bay/NY Harbor**

On November 30, 2012, the EU received the analytical results for the sampling that was conducted on November 29, 2012. The EU will review and tabulate the results for release to PIO and NJDEP on Sunday, December 2, 2012.

2. Floyd Bennet Field Perimeter Air Sampling

A table created by the EU and updated by the Data Unit to include the test burn data was sent to the PIO on November 30, 2012. PIO has sent the Table to the HQ EOC PIO for approval to release the data.

APB through the EU will be the lead on narrative for PM2.5 data as well as the lead sample analysis.

The EU and data management team generated graphs for each day of the test burn for each monitoring location and sent them to the PIO and APB for review and comment.

3. Ironbound Newark residential sampling

The EU completed a QC check of the tabulated data and provided comments on the narrative back to the PIO. The PIO will forward the narrative and data tables to HQ EOC.

4. The EU will not be staffed on Saturday, December 1, 2012.**2.3 Logistics Section****Logistics**

Logistics has been maintaining lodging tracking and updating the lodging tracking sheet accordingly. Logistics has been working with Resources concerning future mobilizations. Logistics has completed turnover of fleet back into SMART program and is currently working on shrinking the number of available GSA vehicles. Logistics also is working with GSA on maintenance issues.

2.4 Finance Section**FINANCE**

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 11/30/2012 @ 1330 hours:

Region, State	Agreement #, Current Expiration Date	Initial Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
Region 2, New Jersey	4086DR-NJ-EPA-01, Expires 12/13/12	10/31/2012	\$400,000.00	\$335,857.94	\$10,834.13	ESF-10 EOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02, Expires 12/10/12	11/2/2012	\$2,000,000.00	\$282,030.28	\$9,725.18	Drinking & Wastewater Assistance
Region 2,	4086DR-NJ-EPA-03,	11/4/2012	\$1,675,000.00	\$324,018.26	\$11,572.08	Technical Assistance for

New Jersey	Expires 12/10/12					Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04, Expires 03/02/13	11/3/2012	\$3,500,000.00	\$1,059,007.98	\$37,821.71	Direct Federal Assistance for oil/hazmat field ops
Region 2 New Jersey	4086DR-NJ-EPA-05, Expires 12/08/12	11/08/2012	\$1,275,000.00	\$810,269.02	\$36,830.41	REOC
Region 2 New York	4085DR-NY-EPA-02, Expires 12/30/12	11/04/2012	\$2,400,000.00	\$1,479,239.72	\$47,717.41	ESF-10 EOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-01, Expires 12/01/12	11/2/2012	\$300,000.00	\$38,192.75	\$1,316.99	Drinking & Wastewater Assistance
Region 2 New York	4085DR-NY-EPA-04, Expires 12/04/12	11/7/2012	\$3,100,000.00	\$476,626.17	\$18,331.78	Technical Assistance for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-03, Expires 12/01/12	11/7/2012	\$7,600,000.00	\$2,968,476.95	\$106,017.03	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	4085DR-NY-EPA-05, Expires 12/05/12	11/09/12	\$75,000.00	\$3,237.00	\$154.14	Dewatering Ops
TOTALS			\$22,330,000.00	\$7,794,563.15	\$229,251.86	

2.5 Other Command Staff

2.5.1 Safety Officer

2.5.1 Safety Update
Safety visited the MCUA facility to assess the power washing operation and the safety impact to our ops from other contractors working in the facility. Safety visited the PVSC power washing operation. An ASO accompanied curbside collection activities for HHW in Staten Island and visited the Freshkills landfill HHW pad. Safety also coordinated with OSHA on the safety program.

2.5.2 Liaison Officer

EPA is continuing to monitor the progress of the outstanding Mission Assignments with FEMA. This included the attendance of associated meetings as deemed appropriate. During the next operational period, EPA will continue to staff the ESF-10 desk at the NYS/FEMA EOC.

2.5.3 Information Officer

The PIO is David Kluesner and can be reached at (347) 330-9439. The Information Office prepared a draft fact sheet on residual oil contamination on homes and lawns. The fact sheet is with the HQ EOC for review. The Information Office coordinated with the Environmental Data Unit on data posting and narratives regarding air test burn operations and Passaic River sampling. The Passaic River sample data is scheduled to be posted on December 3. Two CICs distributed general flood cleanup information, contacts and HHW flyers in Nassau County. This concludes the Agency's HHW collection outreach efforts in Nassau and Suffolk Counties. The Information Office continues to coordinate a number of media inquiries, including CNN (Bay Park Waste Water Treatment Plant), Long Beach Herald (air quality issues) and Storm Water Magazine (storm water/sewage). The Information Office coordinated with the Ironbound Community Corporation on a December 3 conference call to discuss the outcome of EPA's Ironbound facilities assessment and residential basement pump-out.

3. Participating Entities

3.1 Unified Command

As of close of business November 28, 2012, EPA is no longer participating in the established Unified Command with the United States Coast Guard Sector New York. Should future requests require EPA support, EPA resources will be made readily available.

3.2 Cooperating Agencies

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, NOAA, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDCE, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

4. Personnel On Site

Personnel on Site:

Region/State	Current EPA Personnel In Field (All Venues other than EPA Offices)	Current EPA Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
Region 2			54	32	86
New York	20	125			145
New Jersey	8	35			43
Total	28	160	54	32	274

Number of EPA Personnel Deployed to Region 2 – Hurricane Sandy (11/30/12)

[illegible]

Region 5	2	1	0	0	0	0	0	0	0	3
Region 6	4	0	0	1	0	0	0	0	0	5
Region 7	3	0	0	0	0	0	0	0	0	3
Region 8	0	0	0	0	0	0	0	1	0	1
Region 9	0	0	0	0	0	0	0	0	0	0
Region 10	0	0	0	0	0	0	0	0	0	0
HQ	0	0	0	0	0	0	0	1	0	1
ERT	0	0	0	0	1	0	0	2	1	4
RTP	0	0	0	0	0	0	0	1	0	1
Total by job title	19	1	2	1	1	0	0	6	2	32

5. Definition of Terms

Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

6. Additional sources of information

It is believed that all community drinking water and wastewater treatment system assessments have been completed. Therefore, these data will no longer be reported.

ADDITIONAL INFORMATION:

WEBSITE: <http://www.epaosc.org/HurricaneSandy>

INSTRUCTIONS FOR EPAOSC.NET:

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: www.epaosc.net, click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to the find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

FlexViewer :

WEBSITE: http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

EPA Edison REOC

732-906-6850

Afterhours Notifications, National Response Center (NRC)	800-424-8802
Deputy Regional Incident Coordinator (DRIC) for NY, Neil Norrell	908-420-4512
Deputy Regional Incident Coordinator (DRIC) for NY, Bonnie Hriczko	908-420-4450
Deputy Regional Incident Coordinator (DRIC) for NJ, Christopher Jimenez	908-420-4484
Deputy Regional Incident Coordinator (DRIC) for NJ, Kelli Lucarino	908-421-2628

NY JFO (Queens), Michael Solecki, OSC

908-420-4501

NJ JFO (Middletown), Carl Pellegrino, OSC

908-420-4462

REPORTING SCHEDULE

Situation Reports are due out at 2300 hrs at the conclusion of that operational day.

7. Situational Reference Materials

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at www.epaossc.org/HurricaneSandy.